

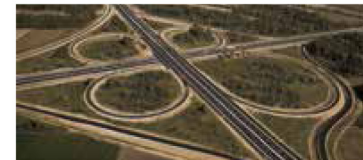


44TH ASECAP STUDY & INFORMATION DAYS 2016

The Path Towards an Integrated And Sustainable Mobility in Europe

Intercontinental Hotel
23-25 May 2016

www.asecapdays.com



Organized by



SustIMS – Sustainable Infrastructure Management System

A decision making tool to support road infrastructure maintenance



ASCENDI OVERVIEW

ASCENDI GROUP
In the World



Around \$850 M. assets
under management

Over 3.000 km
of motorways and roads,
including 1.300 km
operated solely by
Ascendi (Portugal)

Equity stakes in 15
Concessionaires



SustIMS – Sustainable Infrastructure Management System
A decision making tool to support road infrastructure maintenance



ROAD INFRASTRUCTURE MODULES



An **intelligent** system that supports the road infrastructure **management** and the **decision making** process

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Video demo: https://youtu.be/JO0h_OLhfQs

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ASECAP DAYS



MADRID 2016



MANAGEMENT PLATFORM

- **Integrates** and **manages** information
- **Predicts** infrastructure degradation
- Generates Scenarios and **Optimizes Solutions**
- **Reporting**



MOBILE PLATFORM

Supports site inspections



MONITORING SYSTEMS

Controls infrastructure critical points, in **real time**

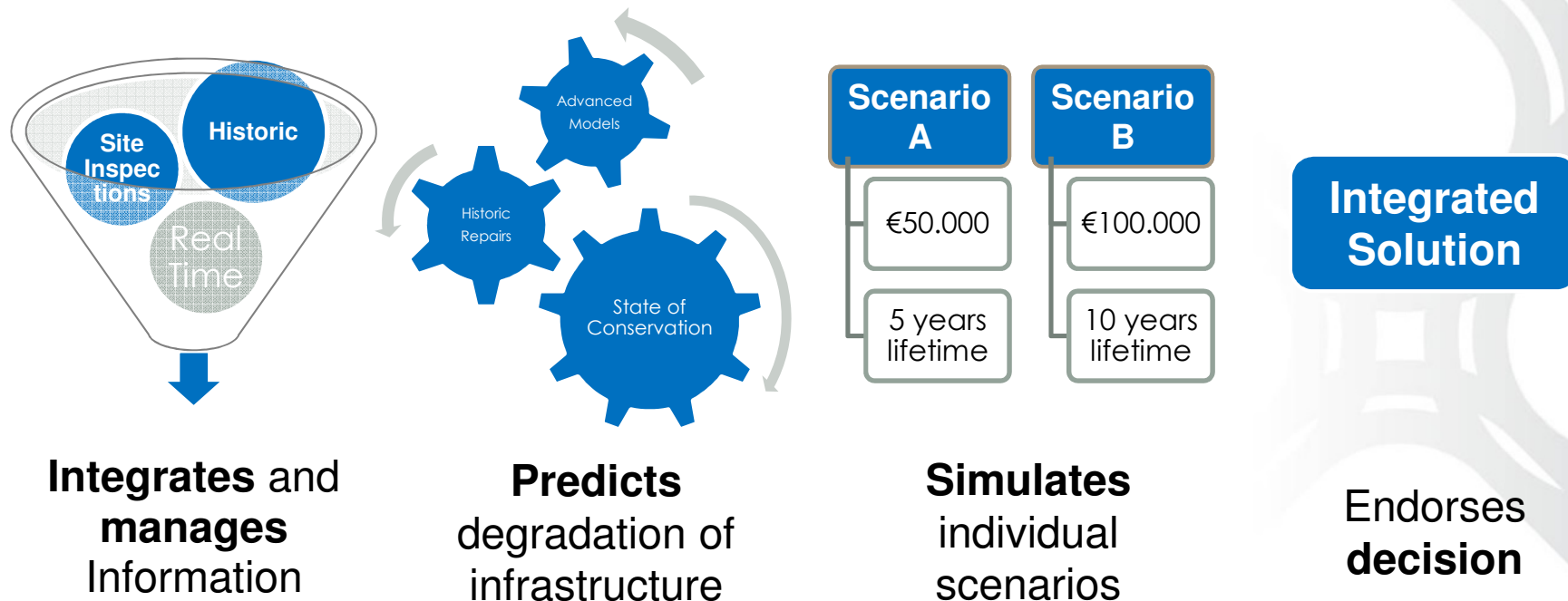


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A solution that supports the entire process...



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ASECAP DAYS



MADRID 2016

...Optimizes resources...

Economical and **quality** perspective
of Road **Assets Management**

Reduces the infrastructure's life-cycle
costs



...Decreasing financial risk of road projects,

Foresees more accurately the need for future **investments**

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...And increases efficiency and productivity

By **enabling** the most efficient **planning** of field **inspections**



Planning tool

Helps technical team's **assignments**

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...And increases efficiency and productivity

By **supporting** and simplifying field **inspections**



**MOBILE
PLATFORM**

- Pathologies and occurrences registration
- Pre-defined checklists and visual schematics
- Associated multimedia elements
- Historical information
- Automatic geo-reference



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...And increases efficiency and productivity

By **controlling** critical points



**MONITORING
SYSTEMS**

Safety rails – Detects, online, vehicle safety rails collisions, enabling a quicker help to victims and an immediate warning to other drivers

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...And increases efficiency and productivity

By **controlling** critical points



Retaining Walls and Slopes - Real time record of its condition, with automatic geo-reference.



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An **Integrated, Flexible, Scalable** System

Integrated

Management of resources

Accurate and up to date vision

Flexible

Multi-variable scenarios analysis

Scalable

Effortless addition of new
modules/elements

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An **Integrated, Flexible, Scalable** System
adjusted to each client and quality **standards**

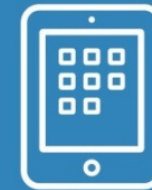


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SustIMS
SUSTAINABLE INFRASTRUCTURE
MANAGEMENT



Thank You!

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